



# COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY  
TIDEWATER REGIONAL OFFICE  
5636 Southern Boulevard, Virginia Beach, Virginia 23462

Doug Domenech  
Secretary of Natural Resources

(757) 518-2000 Fax (757) 518-2009  
[www.deq.virginia.gov](http://www.deq.virginia.gov)

David K. Paylor  
Director

Maria R. Nold  
Regional Director

July 24, 2013

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Virginia Electric and Power Company  
C.D. Holley, Vice President  
Fossil & Hydro System Operations  
5000 Dominion Blvd.  
Glen Allen, VA 23060

RE: Modification of VPDES Permit No. VA0004103  
Dominion Yorktown Power Station  
Yorktown, VA

Dear Mr. Holley:

The modification of the above referenced permit has been approved.

Your permit is also enclosed. In accordance with the permit, you are required to submit monitoring reports to the following address:

Department of Environmental Quality (DEQ)  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, VA 23462

The modified reporting forms for Outfall 008 and Outfall 014 are included with the permit. You will be responsible for obtaining additional copies of the reporting forms. The first report (DMR) is due for the fourth quarter of 2013 by January 10, 2014. All other reporting forms were sent with the reissuance of the permit dated August 16, 2012.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty days from the date of service (the date you actually received this decision or the date it was mailed to you, whichever occurred first) within which to appeal this decision by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the Director, Department of Environmental Quality. In the event that this decision is served on you by mail, three days are added to that period.

Alternatively, any owner under §§ 62.1 - 44.16, 62.1 - 44.17, and 62.1 - 44.19 of the State Water Control Law aggrieved by any action of the State Water Control Board taken without a formal hearing, or by inaction of the Board, may demand in writing a formal hearing of such owner's grievance, provided a petition

requesting such hearing is filed with the Board. Said petition must meet the requirements set forth in 9VAC25-230-130 (Procedural Rule No. 1 – Petition for formal hearing). In cases involving actions of the Board, such petition must be filed within thirty days after notice of such action is mailed to such owner by certified mail.

DEQ has launched an e-DMR program that allows you to submit the effluent data electronically. We anticipate that in the near future all permittees will be participants in the e-DMR program. There are many benefits to both DEQ and the permittee when e-DMR is utilized for submissions:

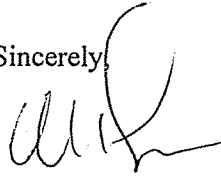
- 1) Fewer revisions for data since the e-DMR program automatically flags omissions before the data is submitted;
- 2) Cost savings on postage, copying, and paper;
- 3) No concerns about using the most current DMR – e-DMR refreshes the required parameters automatically when changes are needed;
- 4) Submittals can be made on a timelier basis; and
- 5) Electronic signatures from multiple people are allowed and e-DMR can be accessed from multiple computer locations.

We ask that you apply for e-DMR participation now so that we will be able to complete the application process when your permit is effective. The following website provides details and our regional e-DMR administrator Debbie Kay, phone 757-518-2127, [Deborah.kay@deq.virginia.gov](mailto:Deborah.kay@deq.virginia.gov) can also assist you:

<http://www.deq.virginia.gov/water/edmrfaq.html>

If you have any additional questions, please do not hesitate to contact Melinda Woodruff at 757-518-2174.

Sincerely,



Mark H. Sauer  
Water Permit Manager

MHS/

cc: DEQ - OWPP, TRO File  
EPA - Region III (3WP12)

Encl: Permit No. VA0004103  
Modified Fact Sheet and Revised Fact Sheet Pages

PERMITTEE NAME/ADDRESS(INCLUDE  
FACILITY NAME/LOCATION IF DIFFERENT)

NAME Dominion - Yorktown Power Station  
ADDRESS 1600 Waterview Rd  
Yorktown VA 23692  
FACILITY LOCATION 1600 Waterview Rd, Yorktown, VA 23692

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM(NPDES)  
DISCHARGE MONITORING REPORT(DMR)

Industrial Major 07/08/2013

DEPT. OF ENVIRONMENTAL QUALITY  
(REGIONAL OFFICE)

Tidewater Regional Office  
5636 Southern Boulevard

Virginia Beach VA 23462

VA0004103		008	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	TO

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS  
BEFORE COMPLETING THIS FORM.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
001 FLOW	REPORTD REQMNT	***** *****			***** *****	***** *****				
002 PH	REPORTD REQMNT	***** *****	NL *****	MG	***** *****	***** *****			1/YR	EST
004 TSS	REPORTD REQMNT	***** *****		NL	***** *****	NL *****	SU		1/YR	GRAB
012 PHOSPHORUS, TOTAL (AS P)	REPORTD REQMNT	***** *****			***** *****	NL *****	MG/L		1/YR	GRAB
257 PETROLEUM HYDROCARBONS, TOTAL RECOVER	REPORTD REQMNT	***** *****			***** *****		MG/L		1/YR	GRAB
442 COPPER, DISSOLVED (UG/L AS CU)	REPORTD REQMNT	***** *****			***** *****	NL *****	MG/L		1/YR	GRAB
448 ZINC, DISSOLVED (AS ZN) (UG/L)	REPORTD REQMNT	***** *****			***** *****	NL *****	UG/L		1/3M	GRAB
	REPORTD REQMNT									
	REPORTD REQMNT									

ADDITIONAL PERMIT REQUIREMENTS OR COMMENTS  
Q1's - TSS = 1.0 mg/l; TPH = 5.0 mg/l; Cu = 7.2 ug/l; Zn = 52 ug/l

BYPASSES AND OVERFLOWS			TOTAL OCCURRENCES			TOTAL FLOW(M.G.)			TOTAL BOD5(K.G.)					
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.						OPERATOR IN RESPONSIBLE CHARGE								
						TYPED OR PRINTED NAME			SIGNATURE					
						PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE					
						TYPED OR PRINTED NAME			SIGNATURE					
						CERTIFICATE NO.			YEAR					
									MO.					
									YEAR					
									MO.					
									DAY					

PERMITTEE NAME/ADDRESS(INCLUDE  
FACILITY NAME/LOCATION IF DIFFERENT)

NAME Dominion - Yorktown Power Station  
ADDRESS 1600 Waterview Rd  
Yorktown VA 23692  
FACILITY LOCATION 1600 Waterview Rd, Yorktown, VA 23692

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM(NPDES)  
DISCHARGE MONITORING REPORT(DMR)

Industrial Major 07/08/2013

DEPT. OF ENVIRONMENTAL QUALITY  
(REGIONAL OFFICE)

Tidewater Regional Office  
5636 Southern Boulevard

Virginia Beach VA 23462

VA0004103		014	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	TO

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS  
BEFORE COMPLETING THIS FORM.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
001 FLOW	REPORTD	*****			*****	*****	*****				
	REQRMNT	*****	NL	MG	*****	*****	*****			1/YR	EST
002 PH	REPORTD	*****			*****						
	REQRMNT	*****		NL	*****			SU		1/YR	GRAB
004 TSS	REPORTD	*****			*****						
	REQRMNT	*****			*****			MG/L		1/YR	GRAB
012 PHOSPHORUS, TOTAL (AS P)	REPORTD	*****			*****						
	REQRMNT	*****			*****	2.0	*****	MG/L		1/YR	GRAB
257 PETROLEUM HYDROCARBONS, TOTAL RECOV	REPORTD	*****			*****						
	REQRMNT	*****			*****			MG/L		1/YR	GRAB
442 COPPER, DISSOLVED (UG/L AS CU)	REPORTD	*****			*****						
	REQRMNT	*****			*****			UG/L		1/3M	GRAB
448 ZINC, DISSOLVED (AS ZN) (UG/L)	REPORTD	*****			*****						
	REQRMNT	*****			*****			UG/L		1/3M	GRAB
	REPORTD										
	REQRMNT									*****	

ADDITIONAL PERMIT REQUIREMENTS OR COMMENTS

Q1's - TSS = 1.0 mg/l; TPH = 5.0 mg/l; Cu = 7.2 ug/l; Ni = 60 ug/l; Zn = 52 ug/l

BYPASSES AND OVERFLOWS	TOTAL OCCURRENCES	TOTAL FLOW(M.G.)	TOTAL BOD5(K.G.)	OPERATOR IN RESPONSIBLE CHARGE				DATE			
				TYPED OR PRINTED NAME	SIGNATURE	CERTIFICATE NO.	YEAR	MO.	DAY		
				PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE					
				TYPED OR PRINTED NAME	SIGNATURE		YEAR	MO.	DAY		

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE  
PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM  
DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE  
THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS  
WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING  
THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE  
AND BELIEF TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE  
SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE  
POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

This report is required by your VPDES permit and by law. (See, e.g., the Code of Virginia of 1950 §62.1-44.5 and 9 VAC 25-31-50.) Failure to report or failure to report truthfully can result in civil penalties of \$32,500 per violation, per day and felony prosecutions which can carry a 15 year term.

### DISCHARGE MONITORING REPORT (DMR) - GENERAL INSTRUCTIONS

1. Complete this form in permanent ink or indelible pencil. The use of 'correction fluid/tape' is not allowed.
2. Be sure to enter the dates for the first and last day of the period covered by the report on the form in the space marked "Monitoring Period".
3. For those parameters where the "permit requirement" spaces have a requirement or limitation, provide data in the "reported" spaces in accordance with your permit.
4. Enter the average and maximum quantities and units in the "reported" spaces in the columns marked "Quantity or Loading".  
 $\text{KG/DAY} = \text{Concentration (mg/L)} \times \text{Flow (MGD)} \times 3.785$        $\text{G/D (Grams/Day)} = \text{Concentration (mg/L)} \times \text{Flow (MGD)} \times 3785$
5. Enter maximum, minimum, and/or average concentrations and units in the "reported" spaces in the columns marked "Quality or Concentration".
6. For all parameters enter the number of samples which do not comply with the maximum and/or minimum permit requirements in the "reported" space in the column marked "No. Ex." (Number of Exceedances). If none, enter "0". Do NOT include monthly average violations in this field. Include any Maximum 7-Day Average and Maximum Weekly Average violations in this field. Permittees with continuous pH, or temperature monitoring requirements should consult the permit for what constitutes an exceedance and report accordingly.
7. You are required to sample (at a minimum) according to the Sample Frequencies and Sample Types specified in your permit.
8. Enter the actual frequency of analysis for each parameter (number of times per day, week, month, etc.) in the "reported" space in the column marked "Frequency of Analysis".
9. Enter the actual type of sample (Grab, 8HC, 24HC, etc) collected for each parameter in the "reported" space in the column marked "Sample Type".
10. Enter additional required data or comments in the space marked "additional permit requirements or comments". If additional required data or comments are appended to the DMR, reference appended correspondence in this field.
11. Record the number of bypasses during the month, the total flow in million gallons (MG) and BOD5 in kilograms (KG) in the proper columns in the section marked "Bypasses and Overflows".
12. The operator in responsible charge of the facility should review the form and sign in the space provided. If the plant is required to have a licensed operator or if the operator in responsible charge of the facility is a licensed operator, the operator's signature and certificate number must be reported in the spaces provided.
13. The principal executive officer then reviews the form and must sign in the space provided and provide a telephone number where he/she can be reached. Every page of the DMR must have an original signature.
14. Send the completed form(s) with original signatures to your Department of Environmental Quality Regional Office by the 10th of each month unless otherwise specified in the permit.
15. You are required to retain a copy of the report for your records.
16. Where violations of permit requirements are reported, attach a brief explanation in accordance with the permit requirements describing causes and corrective actions taken. Reference each separate violation by date.
17. If you have any questions, contact the Department of Environmental Quality Regional Office listed on the DMR.